



U.S. Department of Energy
Office of River Protection

P.O. Box 450
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0034314

00-OSD-181

DEC 28 2000

Mr. Michael A. Wilson, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
P.O. Box 47600
Olympia, Washington 98504

RECEIVED
JAN 17 2001
EDMC

Dear Mr. Wilson:

**NOTIFICATION OF DOUBLE-SHELL TANK (DST) SYSTEM LEAK DETECTION DEVICE
EXCEEDING THE NINETY-DAY REPAIR PERIOD**

Reference: Settlement Agreement and Stipulated Order of Dismissal, PCHB Nos. 98-249 and 98-250, dated March 15, 2000.

The annulus conductivity probe servicing DST 241-AN-102, Zone 4 has been out of service since October 4, 2000. Pursuant to the requirements of Section II.J.2 of the Settlement Agreement and Stipulated Order of Dismissal referenced above, the State of Washington Department of Ecology (Ecology) must be notified if the repair of a double-shell leak detection device will exceed ninety (90) days. The 90-day repair window for DST 241-AN-102, Zone 4 expires on January 2, 2001.

Repair efforts have been unsuccessful in restoring the probe to service. A failed relay was replaced per work package 2E-00-1816, but the probe could not pass a functional test subsequent to the relay replacement. Further field trouble-shooting found the underground wiring to this probe to be failed. A work package is awaiting an Engineering Change Notice (ECN) to install new wiring. This change will require excavation and may require installation of new conduit for the wiring. The ECN and the work package preparation are being worked as a high-priority item. The estimated completion date for this repair and return to service of the probe is January 31, 2001. Currently, the remaining two annulus conductivity probes and the primary tank level indicator for DST 241-AN-102 are in service.

If you have any questions, please contact me, or your staff may contact Russell Harwood, Office of River Protection, Operations Support Division (509) 376-2348.

Sincerely,

Clifford E. Clark, Acting Program Manager
Office of Regulatory Liaison

OSD:RGH

cc: See page 2

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Mr. Michael A. Wilson
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